AMENDMENTS TO THE CLAIMS

Claims 1 to 20 (Cancelled)

21. (New) A method for producing a brake caliper adapted for use in a vehicle disc brake assembly comprising the steps of:

(a) providing a mold member having at least two mold sections;

(b) providing a core member having at least a first male extension which forms an integrally cast locating recess in an outboard leg portion of the brake caliper to be used as a locating surface for subsequent machining of the brake caliper;

(c) disposing the core member in the mold member in a predetermined position;

(d) supplying a suitable material to the mold member so as to form a brake caliper within the mold; and

(e) removing the brake caliper from the mold, wherein the brake caliper includes an integrally cast locating recess formed in the outboard leg portion by the first male extension of the core member.

22. (New) The method of Claim 21 further including the step of machining the brake caliper using at least the integrally cast locating recess formed therein as a locating surface.

23. (New) The method of Claim 21 wherein the first male extension forms a generally conical recess.

24. (New) The method of Claim 21 wherein the core member further includes a pair of second male extensions, the extensions adapted to form integrally generally flat planar surfaces on an associated pair of ears of the brake caliper which are used as locating surfaces for subsequent machining of the brake caliper.

25. (New) The method of Claim 21 wherein the core member further includes a pair of angled surfaces, the angled surfaces adapted to form integrally generally flat angled surfaces on an associated inboard leg portion of the brake caliper which are used as clamping surfaces for subsequent machining of the brake caliper.

26. (New) The method of Claim 21 wherein the core member further includes a pair of second male extensions, the extensions adapted to form integrally generally flat planar surfaces on an associated pair of ears of the brake caliper which are used as locating surfaces for subsequent machining of the brake caliper, and a pair of angled surfaces, the angled surfaces adapted to form integrally generally flat angled surfaces on an associated inboard leg portion of the brake caliper which are used as clamping surfaces for subsequent machining of the brake caliper.

27. (New) The method of Claim 21 wherein the mold is one of a vertical split line mold and a horizontal split line mold

28. (New) A vertically cast brake caliper produced according to the method of Claim 21.

29. (New) A horizontally cast brake caliper produced according to the method of Claim 21.

30. (New) A twin pot brake caliper produced according to the method of Claim 21.

31. (New) A cast brake caliper adapted for use in a disc brake assembly comprising:

a cast brake caliper having an inboard leg portion and an outboard leg portion which are interconnected by an intermediate bridge portion, the brake caliper having a pair of locating surfaces provided on the inboard leg portion and a locating recess provided on the outboard leg portion;

wherein the pair of locating surfaces provided on the inboard leg portion and the locating recess provided on the outboard leg portion are integrally formed by a core member of a casting apparatus during the casting of the brake caliper; and

wherein the caliper includes an opening formed in the intermediate bridge portion adjacent the locating recess provided on the outboard leg portion to thereby enable an extension of the core member to form the locating recess on the outboard leg portion during the casting of the brake caliper.

32. (New) The cast brake caliper of Claim 31 wherein the locating recess provided on the outboard leg portion is a conical recess.

33. (New) The cast brake caliper of Claim 31 wherein the pair of locating surfaces provided on the inboard leg portion are generally flat surfaces.

34. (New) The cast brake caliper of Claim 31 wherein the brake caliper further includes a pair of clamping surfaces provided on the inboard leg portion, wherein the pair of clamping surfaces are integrally formed by a core member during the casting of the brake caliper.

35. (New) The cast brake caliper of Claim 31 wherein the cast brake caliper is one of a vertically cast brake caliper and a horizontally cast brake caliper.

36. (New) The cast brake caliper of Claim 31 wherein the cast brake caliper is a twin pot cast brake caliper.

37. (New) A cast brake caliper adapted for use in a disc brake assembly comprising:

a cast brake caliper having an inboard leg portion and an outboard leg portion which are interconnected by an intermediate bridge portion, the brake caliper having a pair of generally flat locating surfaces provided on the inboard leg portion and a locating conical recess provided on the outboard leg portion;

wherein the pair of generally flat locating surfaces provided on the inboard leg portion and the locating conical recess provided on the outboard leg portion are integrally formed by a core member of a casting apparatus during the casting of the brake caliper; and

wherein the caliper includes an opening formed in the intermediate bridge portion adjacent the locating conical recess provided on the outboard leg portion to thereby enable an extension of the core member to form the locating conical recess on the outboard leg portion during the casting of the brake caliper.

38. (New) The cast brake caliper according to Claim 37 wherein the brake caliper further includes a pair of clamping surfaces provided on the inboard leg portion, wherein the pair of clamping surfaces are integrally formed by a core member during the casting of the brake caliper.

39. (New) The cast brake caliper of Claim 37 wherein the cast brake caliper is one of a vertically cast brake caliper and a horizontally cast brake caliper.

40. (New) The cast brake caliper of Claim 37 wherein the cast brake caliper is a twin pot cast brake caliper.